

ABSTRACT OF THE DISCLOSURE

A mobile communication terminal apparatus which performs radio communication with base stations using an adaptive array antenna which obtains an antenna output by multiplying output signals from the respective antenna elements of an array antenna by weighting factors using multipliers, and adding the resultant data using an adder estimates the arrival direction of radio waves from the base station, and starts adaptive control on the adaptive array antenna, at the time of handover from the one base station to the other base station, by using as initial values the weighting factors obtained in accordance with the arrival direction estimation result obtained prior to the handover.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25